

Morbidity and Mortality

Weekly
Report

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE

Prepared by the

COMMUNICABLE DISEASE CENTER

634-5131

For release September 18, 1964

ATLANTA, GEORGIA 30333

PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON
DEATHS IN SELECTED CITIES FOR WEEK ENDED SEPTEMBER 12, 1964

ENCEPHALITIS

A total of 115 cases of primary encephalitis was reported for the week ended September 12. This brings to 2,139 the cumulative total recorded during 1964.

Of the cases reported during the past week, 53 were from Texas. The Houston epidemic has been waning since the peak incidence during the week ended August 29. An epidemiological report concerning the Houston outbreak is included in this issue.

Twenty cases were reported from Kansas. These cases are scattered in many counties and have been

occurring over the past month. No laboratory confirmation is available yet.

An outbreak of 30 suspect cases of St. Louis Encephalitis is under investigation in Danville, Kentucky. (See MMWR, Vol. 13, p. 315). Most of the cases have occurred during the past 4 weeks in the urban area.

Twenty-five suspect cases of encephalitis are also being studied in Colorado. There is serological evidence of both Western Encephalitis and St. Louis Encephalitis among these cases.

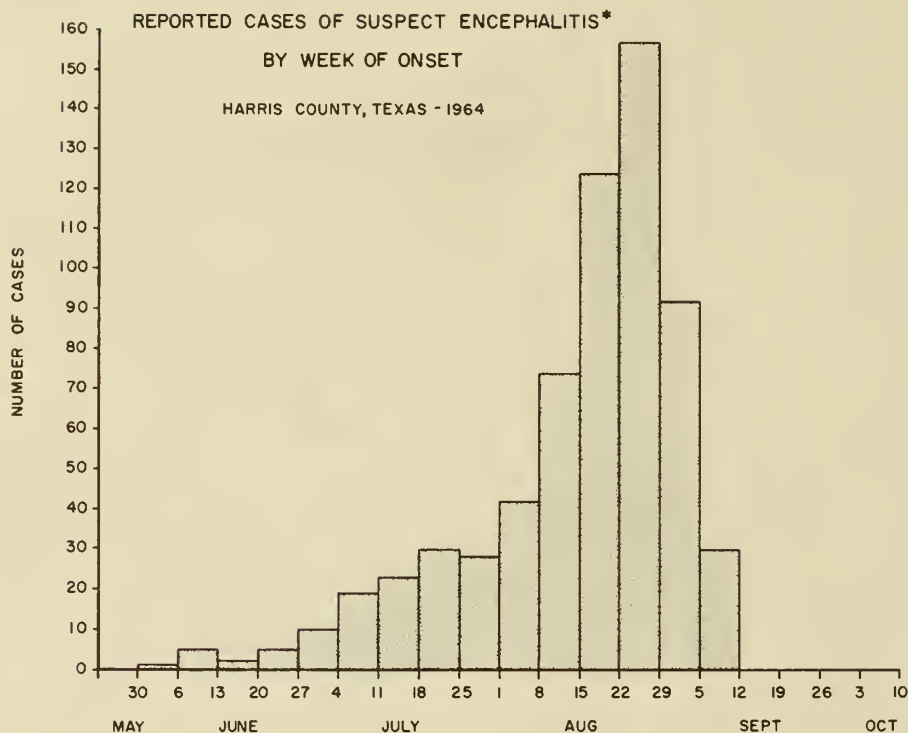
Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
(Cumulative totals include revised and delayed reports through previous weeks)

Disease	37th Week Ended		Median 1959 - 1963	Cumulative, First 37 Weeks		
	September 12, 1964	September 14, 1963		1964	1963	Median 1959 - 1963
Aseptic meningitis	51	57	---	1,330	1,162	---
Brucellosis	8	7	9	309	267	439
Diphtheria	2	9	12	181	169	389
Encephalitis, primary infectious ..	115	29	---	2,139	1,118	---
Encephalitis, post-infectious	1		---	682		---
Hepatitis, infectious including serum hepatitis	571	738	738	27,682	31,134	31,134
Measles	425	826	826	434,263	358,495	387,062
Meningococcal infections	26	27	29	1,984	1,772	1,596
Poliomyelitis, Total	4	17	98	80	266	780
Paralytic	2	16	63	64	229	517
Nonparalytic	-	1	---	10	26	---
Unspecified	2	-	---	6	11	---
Streptococcal Sore Throat and Scarlet fever	4,007	3,593	---	295,309	251,336	---
Tetanus	6	8	---	199	180	---
Tularemia	3	5	---	238	202	---
Typhoid fever	8	26	24	291	364	553
Rabies in Animals	105	72	53	3,349	2,753	2,753

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	3	Psittacosis: Ill-1, Calif-1	32
Botulism:	11	Rabies in Man:	-
Leptospirosis: N.Y. Upstate - 1	31	Smallpox:	-
Malaria: N.Y. Upstate-2, Penn-1, Okla-1, Calif-1	66	Typhus-	
Plague:	-	Murine:	19
		Rky Mt. Spotted: Penn-1, Ill-1, Md-2, Tenn-1, Va-2,	187

NC-3, Ga-1, Fla-1



*642 CASES WITH KNOWN DATE OF ONSET

ENCEPHALITIS - TEXAS

Harris County

Through September 12, a total of 668 suspected cases of St. Louis Encephalitis, including 31 deaths, has been reported from Harris County (Houston), Texas. (See previous reports, MMWR, Vol. 13, pp. 290, 302, and 312).

A revised epidemic curve for the 642 cases with known date of onset is shown above. Since the peak incidence during the week ended August 29, there has been a progressive fall-off in the number of cases reported.

The overall attack rate is 53.7 per 100,000. The highest attack rate has occurred in the age group 70 years

and older (159.3 per 100,000).

With the exception of 2 deaths in the 30-39 year age group, all of the deaths have occurred in those over 50 years of age. A tabulation of total cases by age, deaths and cases per 100,000 are presented in the table below. (Reported by Charles A. Pigford, M.D., Director of Public Health, Houston, Van C. Tipton, M.D., Director, Communicable Disease Division, Texas State Department of Health, and a team from the Communicable Disease Center.)

REPORTED CASES AND DEATHS OF VIRAL ENCEPHALITIS, HARRIS COUNTY, TEXAS - 1964

AGE	TOTAL CASES	DEATHS	CASES/100,000*
0-9	107	0	35.0
10-19	97	0	48.4
20-29	122	0	73.3
30-39	84	2	42.5
40-49	62	0	39.4
50-59	66	7	58.7
60-69	59	10	93.6
70+	63	12	159.3
Unknown	7	0	-
TOTAL	668	31	53.7

* Based on 1960 Harris County population.

SUMMARY OF REPORTED CASES OF INFECTIOUS SYPHILIS — AUGUST 1964 - AUGUST 1963

CASES OF PRIMARY AND SECONDARY SYPHILIS: By Reporting Area August 1964 and August 1963 - Provisional Data

Reporting Area	August		Cumulative Jan - Aug		Reporting Area		August		Cumulative Jan - Aug	
	1964	1963	1964	1963			1964	1963	1964	1963
NEW ENGLAND.....	34	43	320	303	EAST SOUTH CENTRAL.....		175	131	1,183	1,034
Maine.....	-	2	4	5	Kentucky.....		24	17	105	102
New Hampshire.....	1	3	7	8	Tennessee.....		35	35	293	269
Vermont.....	-	3	3	5	Alabama.....		84	46	593	452
Massachusetts.....	20	30	187	186	Mississippi.....		32	33	192	211
Rhode Island.....	1	3	12	11						
Connecticut.....	12	2	107	88	WEST SOUTH CENTRAL.....		259	192	1,744	1,855
					Arkansas.....		19	14	137	145
MIDDLE ATLANTIC.....	451	555	3,643	3,965	Louisiana.....		81	39	474	387
Upstate New York.....	54	73	448	437	Oklahoma.....		8	21	102	125
New York City.....	252	290	2,111	2,186	Texas.....		151	118	1,031	1,198
Pa. (Excl. Phila.).....	29	7	110	94						
Philadelphia.....	30	50	224	475	MOUNTAIN.....		34	40	353	324
New Jersey.....	86	135	750	773	Montana.....		3	-	26	5
					Idaho.....		-	1	3	5
EAST NORTH CENTRAL.....	216	198	1,497	1,316	Wyoming.....		-	2	7	8
Ohio.....	42	38	354	256	Colorado.....		-	3	16	26
Indiana.....	4	1	41	37	New Mexico.....		13	13	141	83
Downstate Illinois.....	9	11	95	77	Arizona.....		15	15	132	141
Chicago.....	78	85	584	613	Utah.....		-	1	8	13
Michigan.....	75	52	387	287	Nevada.....		3	5	20	43
Wisconsin.....	8	11	36	46						
					PACIFIC.....		161	168	1,484	1,454
WEST NORTH CENTRAL.....	58	49	353	323	Washington.....		7	9	50	83
Minnesota.....	15	7	87	53	Oregon.....		7	9	46	41
Iowa.....	-	1	19	19	California.....		145	149	1,368	1,312
Missouri.....	24	25	157	151	Alaska.....		1	-	8	3
North Dakota.....	-	-	-	4	Hawaii.....		1	1	12	15
South Dakota.....	5	3	33	21						
Nebraska.....	12	11	36	39	U. S. TOTAL.....		1,956	2,025	15,275	14,756
Kansas.....	2	2	21	36						
					TERRITORIES.....		87	60	569	512
SOUTH ATLANTIC.....	568	649	4,698	4,182	Puerto Rico.....		87	58	549	499
Delaware.....	15	6	60	33	Virgin Islands.....		-	2	20	13
Maryland.....	45	114	353	440						
District of Columbia.....	56	41	497	447						
Virginia.....	33	27	198	203						
West Virginia.....	-	2	25	28						
North Carolina.....	116	74	769	605						
South Carolina.....	74	65	599	484						
Georgia.....	74	107	796	707						
Florida.....	155	213	1,401	1,235						

Note: Cumulative Totals include revised and delayed reports through previous months.

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
SEPTEMBER 12, 1964 AND SEPTEMBER 14, 1963 (37TH WEEK)

Area	Aseptic Meningitis		Encephalitis		Poliomyelitis, Total Cases				Poliomyelitis, Paralytic			
			Primary	Post-Inf.								
	1964	1963	1964	1964	1964	1963	Cumulative		1964	1963	Cumulative	
							1964	1963			1964	1963
UNITED STATES...	51	57	115	1	4	17	80	266	2	16	64	229
NEW ENGLAND.....	3	4	2	-	1	-	2	4	1	-	2	4
Maine.....	1	-	-	-	-	-	-	1	-	-	-	1
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	-	-
Vermont.....	-	2	-	-	-	-	-	1	-	-	-	1
Massachusetts.....	-	-	1	-	-	-	-	2	-	-	-	2
Rhode Island.....	2	2	1	-	-	-	-	-	-	-	-	-
Connecticut.....	-	-	-	-	1	-	2	-	1	-	2	-
MIDDLE ATLANTIC.....	6	9	12	-	-	5	12	89	-	4	11	70
New York City.....	3	2	2	-	-	-	1	-	-	-	1	-
New York, Up-State.....	-	7	-	-	-	-	9	7	-	-	8	5
New Jersey.....	1	-	8	-	-	-	2	1	-	-	2	1
Pennsylvania.....	2	-	2	-	-	5	-	81	-	4	-	64
EAST NORTH CENTRAL...	8	5	6	-	2	3	15	34	-	3	11	26
Ohio.....	4	1	4	-	-	-	2	8	-	-	2	4
Indiana.....	1	-	1	-	2	-	4	2	-	-	2	1
Illinois.....	1	2	1	-	-	-	4	12	-	-	4	11
Michigan.....	2	2	-	-	-	3	3	8	-	3	2	8
Wisconsin.....	-	-	-	-	-	-	2	4	-	-	1	2
WEST NORTH CENTRAL...	2	6	22	-	1	-	6	5	1	-	5	4
Minnesota.....	2	6	1	-	1	-	2	3	1	-	2	3
Iowa.....	-	-	-	-	-	-	-	-	-	-	-	-
Missouri.....	-	-	-	-	-	-	3	-	-	-	2	-
North Dakota.....	-	-	1	-	-	-	-	1	-	-	-	-
South Dakota.....	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska.....	-	-	-	-	-	-	-	1	-	-	-	1
Kansas.....	-	-	20	-	-	-	1	-	-	-	1	-
SOUTH ATLANTIC.....	1	3	-	-	-	4	23	35	-	4	18	32
Delaware.....	-	-	-	-	-	-	-	1	-	-	-	1
Maryland.....	1	-	-	-	-	-	1	-	-	-	1	-
Dist. of Columbia..	-	-	-	-	-	-	-	-	-	-	-	-
Virginia.....	-	1	-	-	-	2	-	4	-	2	-	3
West Virginia.....	-	1	-	-	-	-	1	2	-	-	1	2
North Carolina.....	-	-	-	-	-	-	9	3	-	-	5	3
South Carolina.....	-	-	-	-	-	1	2	6	-	1	2	5
Georgia.....	-	-	-	-	-	1	1	12	-	1	1	11
Florida.....	-	1	-	-	-	-	9	7	-	-	8	7
EAST SOUTH CENTRAL...	4	10	3	-	-	4	5	55	-	4	4	53
Kentucky.....	-	1	2	-	-	-	-	-	-	-	-	-
Tennessee.....	-	2	1	-	-	-	3	9	-	-	2	9
Alabama.....	4	-	-	-	-	2	2	41	-	2	2	39
Mississippi.....	-	7	-	-	-	2	-	5	-	2	-	5
WEST SOUTH CENTRAL...	3	1	55	-	-	1	7	23	-	1	6	22
Arkansas.....	-	-	-	-	-	-	-	4	-	-	-	3
Louisiana.....	2	-	-	-	-	-	-	13	-	-	-	13
Oklahoma.....	1	-	2	-	-	-	2	-	-	-	2	-
Texas.....	-	1	53	-	-	1	5	6	-	1	4	6
MOUNTAIN.....	3	-	9	-	-	-	7	2	-	-	4	1
Montana.....	-	-	-	-	-	-	1	-	-	-	1	-
Idaho.....	-	-	-	-	-	-	-	1	-	-	-	1
Wyoming.....	-	-	-	-	-	-	2	-	-	-	2	-
Colorado.....	2	-	6	-	-	-	1	-	-	-	1	-
New Mexico.....	-	-	-	-	-	-	3	1	-	-	-	-
Arizona.....	-	-	2	-	-	-	-	-	-	-	-	-
Utah.....	1	-	1	-	-	-	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	21	19	6	1	-	-	3	19	-	-	3	17
Washington.....	2	3	1	-	-	-	-	2	-	-	-	2
Oregon.....	-	1	-	-	-	-	1	2	-	-	1	1
California.....	19	15	5	1	-	-	2	15	-	-	2	14
Alaska.....	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii.....	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	-	1	-	5	-	-	-	4

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
SEPTEMBER 12, 1964 AND SEPTEMBER 14, 1963 (37TH WEEK) - CONTINUED

Area	Brucellosis		Diphtheria		Infectious Hepatitis including Serum Hepatitis						Typhoid Fever	
	1964	Cum.	1964	Cum.	Total	Under 20 years	20 years and over	Age Unknown	Cumulative		1964	Cum.
		1964		1964	1964	1964	1964	1964	1964	1963		1964
UNITED STATES...	8	309	2	181	571	237	295	39	27,682	31,134	8	291
NEW ENGLAND.....	-	2	-	44	38	19	15	4	2,578	3,389	-	13
Maine.....	-	-	-	39	11	7	3	1	825	1,544	-	-
New Hampshire.....	-	-	-	-	4	1	3	-	202	345	-	-
Vermont.....	-	-	-	-	6	3	-	3	323	63	-	-
Massachusetts.....	-	2	-	5	8	4	4	-	554	933	-	6
Rhode Island.....	-	-	-	-	3	2	1	-	137	78	-	6
Connecticut.....	-	-	-	-	6	2	4	-	537	426	-	1
MIDDLE ATLANTIC.....	-	5	-	7	104	38	66	-	6,151	6,131	5	46
New York City.....	-	-	-	3	21	3	18	-	943	954	5	21
New York, Up-State.....	-	2	-	-	32	12	20	-	2,697	2,670	-	9
New Jersey.....	-	-	-	2	17	4	13	-	1,067	907	-	1
Pennsylvania.....	-	3	-	2	34	19	15	-	1,444	1,600	-	15
EAST NORTH CENTRAL...	4	45	-	8	92	39	45	8	4,346	5,037	-	65
Ohio.....	1	3	-	-	27	14	8	5	1,144	1,405	-	20
Indiana.....	-	1	-	1	17	8	8	1	378	450	-	16
Illinois.....	-	26	-	6	4	-	4	-	788	1,084	-	17
Michigan.....	-	6	-	1	39	15	24	-	1,723	1,871	-	9
Wisconsin.....	3	9	-	-	5	2	1	2	313	227	-	3
WEST NORTH CENTRAL...	1	132	-	26	36	15	18	3	1,496	1,391	-	27
Minnesota.....	-	7	-	11	4	2	2	-	166	214	-	3
Iowa.....	-	83	-	-	10	5	5	-	222	253	-	4
Missouri.....	-	10	-	1	4	2	2	-	367	504	-	10
North Dakota.....	-	2	-	2	2	1	1	-	57	46	-	2
South Dakota.....	-	15	-	1	-	-	-	-	116	98	-	1
Nebraska.....	1	13	-	4	3	-	-	3	42	95	-	3
Kansas.....	-	2	-	7	13	5	8	-	526	181	-	4
SOUTH ATLANTIC.....	2	30	-	41	41	21	18	2	2,597	3,176	1	63
Delaware.....	-	-	-	-	1	-	1	-	49	57	-	-
Maryland.....	-	-	-	-	10	5	5	-	493	386	1	5
Dist. of Columbia..	-	-	-	-	1	1	-	-	44	88	-	-
Virginia.....	1	14	-	-	11	3	6	2	407	654	-	11
West Virginia.....	-	-	-	4	4	1	3	-	385	497	-	-
North Carolina.....	-	3	-	4	4	4	-	-	446	800	-	18
South Carolina.....	-	-	-	7	1	1	-	-	95	133	-	11
Georgia.....	1	10	-	21	2	-	2	-	72	133	-	4
Florida.....	-	3	-	13	7	6	1	-	606	428	-	14
EAST SOUTH CENTRAL...	-	15	1	11	43	20	23	-	1,912	2,986	-	27
Kentucky.....	-	4	-	-	6	2	4	-	716	848	-	7
Tennessee.....	-	5	-	1	8	5	3	-	656	1,159	-	13
Alabama.....	-	4	1	7	17	7	10	-	350	477	-	5
Mississippi.....	-	2	-	3	12	6	6	-	190	502	-	2
WEST SOUTH CENTRAL...	-	34	1	28	60	35	24	1	2,138	2,233	1	22
Arkansas.....	-	6	-	-	1	-	1	-	210	255	1	12
Louisiana.....	-	4	1	6	19	11	8	-	503	444	-	3
Oklahoma.....	-	6	-	-	-	-	-	-	101	104	-	4
Texas.....	-	18	-	22	40	24	15	1	1,324	1,430	-	3
MOUNTAIN.....	1	28	-	2	40	12	7	21	1,675	2,002	1	8
Montana.....	-	-	-	-	4	2	1	1	147	258	-	-
Idaho.....	-	-	-	-	12	-	-	12	224	326	-	-
Wyoming.....	-	-	-	-	2	1	1	-	52	25	-	1
Colorado.....	-	-	-	-	3	-	-	3	444	409	-	-
New Mexico.....	-	1	-	1	11	7	4	-	245	237	-	2
Arizona.....	-	2	-	1	5	-	-	5	373	465	1	5
Utah.....	1	24	-	3	3	2	1	-	140	265	-	-
Nevada.....	-	1	-	-	-	-	-	-	50	17	-	-
PACIFIC.....	-	18	-	14	117	38	79	-	4,789	4,789	-	20
Washington.....	-	-	-	13	12	2	10	-	506	843	-	2
Oregon.....	-	2	-	-	11	4	7	-	524	581	-	-
California.....	-	16	-	1	80	24	56	-	3,494	3,208	-	18
Alaska.....	-	-	-	-	14	8	6	-	167	124	-	-
Hawaii.....	-	-	-	-	-	-	-	-	98	33	-	-
Puerto Rico	-	-	-	9	21	15	6	-	672	614	-	10

Morbidity and Mortality Weekly Report

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
SEPTEMBER 12, 1964 AND SEPTEMBER 14, 1963 (37TH WEEK) - CONTINUED

Area	Measles	Meningococcal Meningitis			Streptococcal Sore Throat and Scarlet Fever		Tetanus		Tularemia		Rabies in Animals		
		1964	1964	Cumulative		1964	1963	1964	Cum. 1964	1964	Cum. 1964	1964	Cum. 1964
				1964	1963								
UNITED STATES...	425	26	1,984	1,772	4,007	3,593	6	199	3	238	105	3,349	
NEW ENGLAND.....	47	-	55	110	313	206	-	8	-	1	1	30	
Maine.....	12	-	5	17	22	59	-	-	-	-	-	25	
New Hampshire.....	-	-	1	4	3	7	-	-	-	-	1	2	
Vermont.....	1	-	1	4	-	-	-	-	-	-	-	2	
Massachusetts.....	20	-	22	52	9	11	-	8	-	1	-	1	
Rhode Island.....	5	-	9	10	16	12	-	-	-	-	-	-	
Connecticut.....	9	-	17	23	263	117	-	-	-	-	-	-	
MIDDLE ATLANTIC.....	36	-	256	246	72	128	-	19	-	-	3	96	
New York City.....	15	-	35	39	1	5	-	-	-	-	-	-	
New York, Up-State.....	11	-	71	77	62	100	-	7	-	-	3	92	
New Jersey.....	6	-	88	34	2	8	-	6	-	-	-	-	
Pennsylvania.....	4	-	62	96	7	15	-	6	-	-	-	4	
EAST NORTH CENTRAL...	78	6	278	273	239	203	3	36	-	20	37	484	
Ohio.....	8	1	71	76	17	12	1	10	-	1	33	262	
Indiana.....	11	-	43	35	81	44	2	7	-	2	-	22	
Illinois.....	5	3	71	52	33	44	-	12	-	13	-	91	
Michigan.....	14	2	64	83	57	86	-	6	-	1	1	46	
Wisconsin.....	40	-	29	27	51	17	-	1	-	3	3	63	
WEST NORTH CENTRAL...	16	1	122	113	198	143	-	9	1	50	13	1,043	
Minnesota.....	-	1	29	22	2	6	-	1	-	2	2	316	
Iowa.....	6	-	6	6	21	26	-	3	-	1	5	376	
Missouri.....	2	-	56	33	10	7	-	3	-	24	2	160	
North Dakota.....	8	-	16	12	115	55	-	-	-	-	-	54	
South Dakota.....	-	-	1	5	3	5	-	1	1	15	1	77	
Nebraska.....	-	-	6	24	-	-	-	-	-	-	-	31	
Kansas.....	NN	-	8	11	47	44	-	1	-	8	3	29	
SOUTH ATLANTIC.....	30	3	404	326	399	345	1	54	-	21	13	455	
Delaware.....	-	-	6	4	-	6	-	-	-	-	-	-	
Maryland.....	-	-	26	49	22	2	-	3	-	-	-	1	
Dist. of Columbia..	-	1	13	6	-	1	-	1	-	1	-	-	
Virginia.....	1	-	46	73	109	106	1	7	-	4	6	240	
West Virginia.....	22	-	31	16	220	144	-	1	-	-	-	26	
North Carolina.....	-	-	69	55	2	5	-	13	-	5	-	5	
South Carolina.....	3	-	50	17	9	14	-	4	-	-	-	2	
Georgia.....	-	1	61	26	2	-	-	4	-	11	1	100	
Florida.....	4	1	102	80	35	67	-	21	-	-	6	81	
EAST SOUTH CENTRAL...	42	2	167	133	1,033	946	-	25	1	27	25	411	
Kentucky.....	9	1	53	29	161	72	-	7	-	1	-	54	
Tennessee.....	24	1	55	59	718	857	-	10	1	18	7	323	
Alabama.....	8	-	35	23	96	7	-	5	-	3	1	17	
Mississippi.....	1	-	24	22	58	10	-	3	-	5	17	17	
WEST SOUTH CENTRAL...	67	-	173	164	479	442	2	23	1	78	4	473	
Arkansas.....	-	-	20	11	-	-	-	7	-	43	2	118	
Louisiana.....	-	-	114	67	1	1	-	3	1	4	-	42	
Oklahoma.....	-	-	8	29	26	10	-	-	-	19	-	81	
Texas.....	67	-	31	57	452	431	2	13	-	12	2	232	
MOUNTAIN.....	32	3	69	59	758	714	-	5	-	38	2	117	
Montana.....	11	-	-	3	14	35	-	-	-	18	-	-	
Idaho.....	5	-	3	6	60	48	-	-	-	-	-	-	
Wyoming.....	-	-	5	4	10	2	-	2	-	7	-	-	
Colorado.....	9	1	12	16	308	136	-	-	-	-	-	8	
New Mexico.....	-	1	28	4	241	327	-	1	-	-	-	47	
Arizona.....	3	1	6	9	63	69	-	1	-	-	1	51	
Utah.....	4	-	7	14	62	97	-	1	-	13	-	1	
Nevada.....	-	-	8	3	-	-	-	-	-	-	1	10	
PACIFIC.....	77	11	460	348	516	466	-	20	-	3	7	240	
Washington.....	25	-	30	28	87	65	-	1	-	-	-	-	
Oregon.....	11	-	21	25	8	1	-	-	-	1	-	8	
California.....	30	11	390	275	356	352	-	18	-	2	7	232	
Alaska.....	6	-	7	12	21	6	-	-	-	-	-	-	
Hawaii.....	5	-	12	8	44	42	-	1	-	-	-	-	
Puerto Rico	83	-	29	7	10	3	-	56	-	-	1	21	

Table 4 (A). TOTAL DEATHS IN REPORTING CITIES

(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period.)^o

Area	For weeks ending				Area	For weeks ending			
	8/22	8/29	9/5	9/12		8/22	8/29	9/5	9/12
NEW ENGLAND:					SOUTH ATLANTIC:				
Boston, Mass.	252	217	253	223	Atlanta, Ga.	105	124	124	117
Bridgeport, Conn.	29	30	33	28	Baltimore, Md.	245	271	284	242
Cambridge, Mass.	21	24	18	24	Charlotte, N.C.	36	37	58	31
Fall River, Mass.	41	26	25	33	Jacksonville, Fla.	31	50	82	35
Hartford, Conn.	44	59	49	46	Miami, Fla.	71	83	89	71*
Lowell, Mass.	17	39	27	22	Norfolk, Va.	38	47	61	33
Lynn, Mass.	24	25	31	18	Richmond, Va.	77	78	75	66
New Bedford, Mass.	24	27	27	17	Savannah, Ga.	33	29	19	32
New Haven, Conn.	42	38	41	56	St. Petersburg, Fla.	64	64	66	63
Providence, R.I.	40	54	58	67	Tampa, Fla.	65	75	71	76
Somerville, Mass.	12	9	14	13	Washington, D.C.	180	208	206	171
Springfield, Mass.	46	47	49	60	Wilmington, Del.	38	46	34	48
Waterbury, Conn.	20	34	23	31					
Worcester, Mass.	53	50	70	63					
MIDDLE ATLANTIC:					EAST SOUTH CENTRAL:				
Albany, N.Y.	58	33	30	74	Birmingham, Ala.	89	104	107	72
Allentown, Pa.	35	45	36	37	Chattanooga, Tenn.	57	28	54	49
Buffalo, N.Y.	126	118	131	146	Knoxville, Tenn.	34	32	46	32
Camden, N.J.	34	50	40	34	Louisville, Ky.	81	118	110	75
Elizabeth, N.J.	28	29	26	26	Memphis, Tenn.	118	108	113	117
Erie, Pa.	39	38	35	32	Mobile, Ala.	54	38	70	35
Jersey City, N.J.	54	73	70	73	Montgomery, Ala.	32	33	42	28
Newark, N.J.	95	67	137	85	Nashville, Tenn.	88	79	95	75
New York City, N.Y.	1,527	1,618	1,603	1,508					
Paterson, N.J.	20	28	23	42	WEST SOUTH CENTRAL:				
Philadelphia, Pa.	573	554	497	389	Austin, Tex.	32	31	40	31
Pittsburgh, Pa.	141	151	164	190	Baton Rouge, La.	14	29	38	38
Reading, Pa.	32	34	52	49	Corpus Christi, Tex.	34	34	22	22
Rochester, N.Y.	83	76	121	95	Dallas, Tex.	123	128	150	129
Schenectady, N.Y.	25	17	28	30	El Paso, Tex.	34	22	20	34
Scranton, Pa.	31	33	27	51	Fort Worth, Tex.	79	80	63	90
Syracuse, N.Y.	61	54	43	51	Houston, Tex.	177	194	187	177
Trenton, N.J.	40	48	40	41	Little Rock, Ark.	64	42	50	43
Utica, N.Y.	25	30	26	28	New Orleans, La.	191	183	192	176
Yonkers, N.Y.	38	26	27	32	Oklahoma City, Okla.	58	68	76	71
					San Antonio, Tex.	94	91	85	109
					Shreveport, La.	39	51	57	44
					Tulsa, Okla.	60	36	64	52
EAST NORTH CENTRAL:					MOUNTAIN:				
Akron, Ohio.	46	54	58	45	Albuquerque, N. Mex.	33	35	30	26
Canton, Ohio.	36	40	26	44	Colorado Springs, Colo. ...	20	19	16	14
Chicago, Ill.	656	702	715	726	Denver, Colo.	93	95	146	101
Cincinnati, Ohio.	144	178	150	155	Ogden, Utah.	8	19	16	14
Cleveland, Ohio.	152	175	208	167	Phoenix, Ariz.	70	74	70	94
Columbus, Ohio.	120	119	96	106	Pueblo, Colo.	21	18	17	14
Dayton, Ohio.	84	74	82	79	Salt Lake City, Utah.	42	60	43	46
Detroit, Mich.	328	327	366	334	Tucson, Ariz.	45	38	41	44
Evansville, Ind.	43	48	42	19					
Flint, Mich.	25	34	67	36	PACIFIC:				
Fort Wayne, Ind.	37	39	42	28	Berkeley, Calif.	14	15	18	14
Gary, Ind.	24	38	12	26	Fresno, Calif.	45	33	49	39
Grand Rapids, Mich.	47	36	43	49	Glendale, Calif.	30	28	27	29
Indianapolis, Ind.	145	136	128	143	Honolulu, Hawaii.	51	43	44	44
Madison, Wis.	46	26	39	68	Long Beach, Calif.	56	67	65	64
Milwaukee, Wis.	106	120	109	108	Los Angeles, Calif.	435	429	502	335
Peoria, Ill.	24	27	14	34	Oakland, Calif.	75	82	75	67
Rockford, Ill.	29	33	30	29	Pasadena, Calif.	26	37	34	30
South Bend, Ind.	22	39	31	28	Portland, Oreg.	54	139	95	99
Toledo, Ohio.	88	86	84	89	Sacramento, Calif.	52	58	55	48*
Youngstown, Ohio.	53	52	61	59	San Diego, Calif.	84	90	94	70
					San Francisco, Calif.	183	191	162	142
WEST NORTH CENTRAL:					San Jose, Calif.	27	39	29	32
Des Moines, Iowa.	65	56	53	47	Seattle, Wash.	124	127	125	127
Duluth, Minn.	22	24	25	29	Spokane, Wash.	43	60	44	49
Kansas City, Kans.	35	52	50	27	Tacoma, Wash.	36	34	37	38
Kansas City, Mo.	120	109	120	108					
Lincoln, Nebr.	27	28	26	25					
Minneapolis, Minn.	100	103	112	125					
Omaha, Nebr.	69	66	75	62					
St. Louis, Mo.	214	253	212	205					
St. Paul, Minn.	58	71	53	45					
Wichita, Kans.	39	46	50	41					

^oCurrent Week Mortality for 108 Selected Cities

4(A) Total Mortality, all ages.	10,305
4(B) Pneumonia-Influenza Deaths, all ages.	328
4(C) Total Deaths under 1 Year of Age.	639
4(D) Total Deaths, Persons 65 years and over.	5,599

*Estimate - based on average percent of divisional total.
Totals for previous weeks include reported corrections.

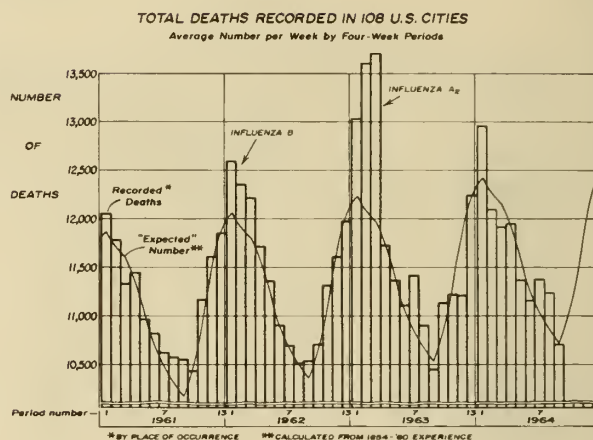
NOTE: All deaths by place of occurrence.



TOTAL DEATHS REPORTED IN 108 CITIES

The weekly average number of total deaths in 108 cities for the four-week period ending September 12 was 10,709 as compared with an expected weekly average of 10,737.

	Week Ending				4 Week Total	Weekly Average
	8/22	8/29	9/5	9/12		
Observed	10,431	10,900	11,199	10,305	42,835	10,709
Expected	10,712	10,710	10,737	10,790	42,949	10,737
Excess	-281	190	462	-485	-114	-28



(See Table, page 327)

INTERNATIONAL NOTES - QUARANTINE MEASURES

Immunization Information for International Travel

1963-64 edition Public Health Service Publication No. 384

SECTION 5

Kenya, page 27, Insert:

Under smallpox add - "travelers leaving Kenya are advised to possess a certificate."

Under yellow fever delete previous information and insert the following: "Yellow fever vaccination is required for all arrivals from infected areas, 1 year of age and over. Travelers leaving Kenya are required to possess a certificate for entry to Burma, Cape Verde Islands, Ceylon, Greece, India, Iraq, Lebanon, Libya, Madeira and Azores, Malaysia (except Sabah and Sarawak), Malta, Muscat and Oman, Mozambique, Nauru Island, Pakistan, Papua-New Guinea, Portuguese Guinea, Portuguese Timor, Sao Tome and Principe, Saudi Arabia, South Africa, South West Africa, United Arab Republic." All other information remains the same.

THE MORBIDITY AND MORTALITY WEEKLY REPORT, WITH A CIRCULATION OF 12,000 IS PUBLISHED BY THE COMMUNICABLE DISEASE CENTER, ATLANTA, GEORGIA.

CHIEF, COMMUNICABLE DISEASE CENTER
CHIEF, EPIDEMIOLOGY BRANCH
CHIEF, STATISTICS SECTION
ASST. CHIEF, STATISTICS SECTION
CHIEF, SURVEILLANCE SECTION
ASSISTANT EDITOR, MMWR

JAMES L. GODDARD, M.D.
A. D. LANGMUIR, M.D.
R. E. SERFLING, PH.D.
I. L. SHERMAN, M.S.
D. A. HENDERSON, M.D.
P. D. STOLLEY, M.D.

IN ADDITION TO THE ESTABLISHED PROCEDURES FOR REPORTING MORBIDITY AND MORTALITY, THE COMMUNICABLE DISEASE CENTER WELCOMES ACCOUNTS OF INTERESTING OUTBREAKS OR CASES, SUCH ACCOUNTS SHOULD BE ADDRESSED TO:

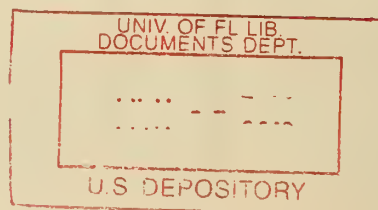
THE EDITOR
MORBIDITY AND MORTALITY WEEKLY REPORT
COMMUNICABLE DISEASE CENTER
ATLANTA, GEORGIA 30333

NOTES: THESE PROVISIONAL DATA ARE BASED ON WEEKLY TELEGRAMS TO THE COMMUNICABLE DISEASE CENTER BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS.

SYMBOLS: --- DATA NOT AVAILABLE
- QUANTITY ZERO

PROCEDURES FOR CONSTRUCTION OF VARIOUS MORTALITY CURVES MAY BE OBTAINED FROM STATISTICS SECTION, COMMUNICABLE DISEASE CENTER, PUBLIC HEALTH SERVICE, U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, ATLANTA, GEORGIA 30333.

U. S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
Communicable Disease Center
Atlanta, Georgia 30333
Official Business



POSTAGE AND FEES PAID
U. S. DEPARTMENT OF H. E. W.